

OIFE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/998,284

DATE: 12/07/2001

TIME: 12:57:57

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF3\12072001\I998284.raw

3 <110> APPLICANT: POULSEN, et al.
 5 <120> TITLE OF INVENTION: COMPOSITION
 7 <130> FILE REFERENCE: 674509-2035
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/998,284
 C--> 9 <141> CURRENT FILING DATE: 2001-11-30
 9 <150> PRIOR APPLICATION NUMBER: PCT/IB00/00829
 10 <151> PRIOR FILING DATE: 2000-06-02
 12 <150> PRIOR APPLICATION NUMBER: GB 9913050.2
 13 <151> PRIOR FILING DATE: 1999-06-04
 15 <160> NUMBER OF SEQ ID NOS: 2
 17 <170> SOFTWARE: PatentIn version 3.1

Does Not Comply
 Corrected Diskette Needed

ERRORED SEQUENCES

82 <210> SEQ ID NO: 2
 83 <211> LENGTH: 546
 84 <212> TYPE: PRT
 85 <213> ORGANISM: Chondrus crispus
 87 <400> SEQUENCE: 2
 89 Met Ala Thr Leu Pro Gln Lys Asp Pro Gly Tyr Ile Val Ile Asp Val
 90 1 5 10 15
 93 Asn Ala Gly Thr Pro Asp Lys Pro Asp Pro Arg Leu Pro Ser Met Lys
 94 20 25 30
 97 Gln Gly Phe Asn Arg Arg Trp Ile Gly Thr Asn Ile Asp Phe Val Tyr
 98 35 40 45
 101 Val Val Tyr Thr Pro Gln Gly Ala Cys Thr Ala Leu Asp Arg Ala Met
 102 50 55 60
 105 Glu Lys Cys Ser Pro Gly Thr Val Arg Ile Val Ser Gly Gly His Cys
 106 65 70 75 80
 109 Tyr Glu Asp Phe Val Phe Asp Glu Cys Val Lys Ala Ile Ile Asn Val
 110 85 90 95
 113 Thr Gly Leu Val Glu Ser Gly Tyr Asp Asp Arg Gly Tyr Phe Val
 114 100 105 110
 117 Ser Ser Gly Asp Thr Asn Trp Gly Ser Phe Lys Thr Leu Phe Arg Asp
 118 115 120 125
 121 His Gly Arg Val Leu Pro Gly Gly Ser Cys Tyr Ser Val Gly Leu Gly
 122 130 135 140
 125 Gly His Ile Val Gly Gly Gly Asp Gly Ile Leu Ala Arg Leu His Gly
 126 145 150 155 160
 129 Leu Pro Val Asp Trp Leu Ser Gly Val Glu Val Val Val Lys Pro Val
 130 165 170 175
 133 Leu Thr Glu Asp Ser Val Leu Lys Tyr Val His Lys Asp Ser Glu Gly
 134 180 185 190
 137 Asn Asp Gly Glu Leu Phe Trp Ala His Thr Gly Gly Gly Gly Asn
 138 195 200 205
 141 Phe Gly Ile Ile Thr Lys Tyr Tyr Phe Lys Asp Leu Pro Met Ser Pro

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142      210      215      220
145 Arg Gly Val Ile Ala Ser Asn Leu His Phe Ser Trp Asp Gly Phe Thr
146 225      230      235      240
149 Arg Asp Ala Leu Gln Asp Leu Leu Thr Lys Tyr Phe Lys Leu Ala Arg
150      245      250      255
153 Cys Asp Trp Lys Asn Thr Val Gly Lys Phe Gln Ile Phe His Gln Ala
154      260      265      270
157 Ala Glu Glu Phe Val Met Tyr Leu Tyr Thr Ser Tyr Ser Asn Asp Ala
158      275      280      285
161 Glu Arg Glu Val Ala Gln Asp Arg His Tyr His Leu Glu Ala Asp Ile
162      290      295      300
165 Glu Gln Ile Tyr Lys Thr Cys Glu Pro Thr Lys Ala Leu Gly Gly His
166 305      310      315      320
169 Ala Gly Trp Ala Pro Phe Pro Val Arg Pro Arg Lys Arg His Thr Ser
170      325      330      335
173 Lys Thr Ser Tyr Met His Asp Glu Thr Met Asp Tyr Pro Phe Tyr Ala
174      340      345      350
177 Leu Thr Glu Thr Ile Asn Gly Ser Gly Pro Asn Gln Arg Gly Lys Tyr
178      355      360      365
181 Lys Ser Ala Tyr Met Ile Lys Asp Phe Pro Asp Phe Gln Ile Asp Val
182      370      375      380
185 Ile Trp Lys Tyr Leu Thr Glu Val Pro Asp Gly Leu Thr Ser Ala Glu
186 385      390      395      400
189 Met Lys Asp Ala Leu Leu Gln Val Asp Met Phe Gly Gly Glu Ile His
190      405      410      415
193 Lys Val Val Trp Asp Ala Thr Ala Val Ala Gln Arg Glu Tyr Ile Ile
194      420      425      430
197 Lys Leu Gln Tyr Gln Thr Tyr Trp Gln Glu Glu Asp Lys Asp Ala Val
198      435      440      445
201 Asn Leu Lys Trp Ile Arg Asp Phe Tyr Glu Glu Met Tyr Glu Pro Tyr
202      450      455      460
205 Gly Gly Val Pro Asp Pro Asn Thr Gln Val Glu Ser Gly Lys Gly Val
206 465      470      475      480
209 Phe Glu Gly Cys Tyr Phe Asn Tyr Pro Asp Val Asp Leu Asn Asn Trp
210      485      490      495
213 Lys Asn Gly Lys Tyr Gly Ala Leu Glu Leu Tyr Phe Leu Gly Asn Leu
214      500      505      510
217 Asn Arg Leu Ile Lys Ala Lys Trp Leu Trp Asp Pro Asn Glu Ile Phe
218      515      520      525
221 Thr Asn Lys Gln Ser Ile Pro Thr Lys Pro Leu Lys Glu Pro Lys Gln
222      530      535      540
225 Thr Lys
226 545

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E--> 232 34

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/998,284

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:232 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2